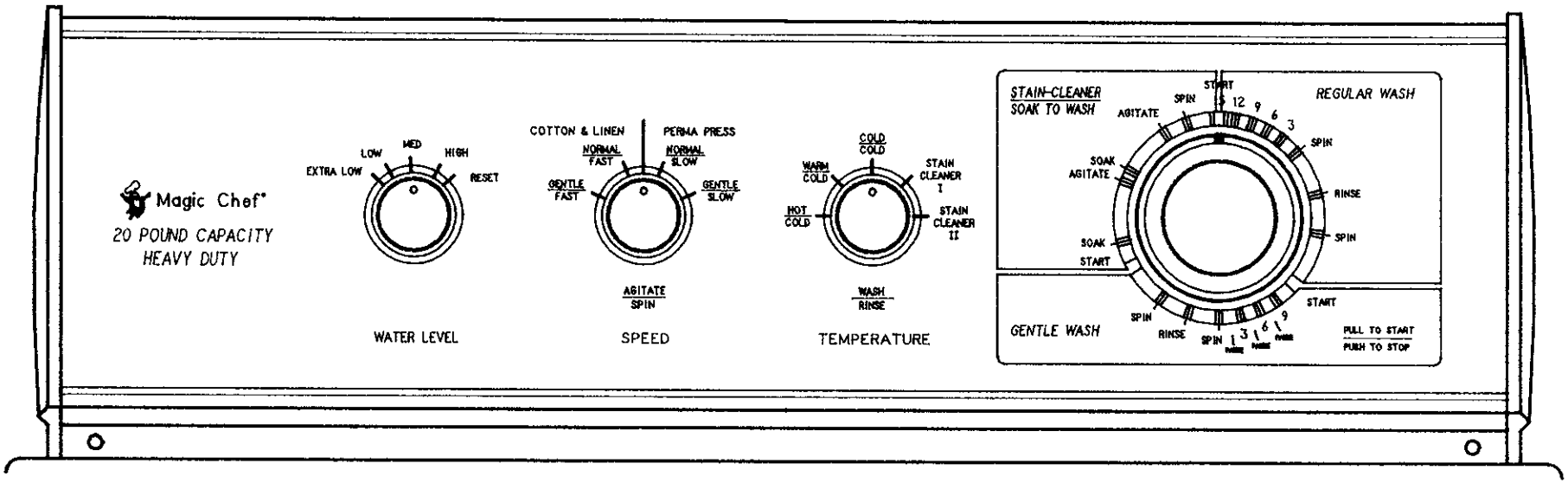
MODEL NUMBER
W20HN-3S
W20HA-3S

Magic Chef Washer Operating Instructions



WARNING: To reduce the risk of fire, explosion, electric shock, or personal injury, read the IMPORTANT SAFETY INSTRUCTIONS before operating your washer.

READ THESE OPERATING INSTRUCTIONS CAREFULLY BEFORE YOU USE THE WASHER AND RETAIN FOR FUTURE REFERENCE.

Before operating your washer be sure that all installation requirements are met. SEE INSTALLATION INSTRUCTIONS.

TO OPERATE:

Be sure washer drain hose is in drain. Water fill hoses should be attached and faucets fully opened.

1. **LOAD BLEACH DISPENSER,** if desired (maximum one cup).

   CAUTION: Never pour chlorine bleach directly onto clothes.

2. **MEASURE DETERGENT,** place in washer basket.

3. **LOAD CLOTHES** loosely in washer. Maximum load is to top of agitator vanes.

4. **LOAD LIQUID DISPENSER,** if desired.

5. **SELECT WATER TEMPERATURE OR STAIN-CLEANER.** Three different water combinations are provided.
   Hot Wash — Cold Rinse
   Warm Wash — Cold Rinse
   Cold Wash — Cold Rinse

   These are to be used with Regular Wash, Gentle Wash or Soak to Wash.

   Choose Stain-Cleaner I (2 Hot Washes and a Cold rinse) or Stain-Cleaner II (2 Warm washes and a Cold rinse) only when choosing stain-cleaner on timer.

6. **SELECT SPEED COMBINATION.** Your washer has four wash and spin speed combinations.

7. **SELECT WATER LEVEL.** Determine the selected setting based on clothes load size (see table). Selection should provide sufficient water to permit clothes to circulate during agitation.

   It may become necessary, due to bulky fabrics, to adjust the water level after agitation begins. To adjust for a higher water level, turn control to RESET position and then back to desired setting. To decrease rinse water level, turn the control to a lower setting after wash agitation has started.

Water Saver Control Setting	Dry Weight of clothes (Pounds)	(Kilograms)
High	12—20	(5.4 to 9.1)
Medium	6—12	(2.7 to 5.4)
Low	2—6	(.9 to 2.7)
Extra Low	2 or under	(.9)

8. **SELECT CYCLE.** To set Cycle Timer, push the Timer Knob IN (off position) and turn it to the right (clockwise) until the pointer is at the recommended starting point in the "wash" segment in either the gentle cycle, regular wash or the soak to wash/stain-cleaner cycle. See washing guide for recommended cycles.

9. **PULL TIMER KNOB OUT TO START Washer action.** You may stop the washer at any time by simply pushing the Timer Knob IN. Therefore it is possible to obtain a non-agitated soak for as long as you wish, or to shorten, skip or repeat any part of a cycle. The Timer Knob must be pushed IN (off position) when you change the setting.

   NOTE: Do not attempt to turn the Timer Knob counterclockwise since to the timer will result.

10. **STOP AUTOMATICALLY** when wash cycle is completed.

11. **TURN OFF FAUCETS** when not using washer. This is to protect the water fill hose against excessive pressure.

SEE LAUNDERING GUIDE FOR PROPER WASHING PROCEDURES AND RECOMMENDED WASHING PRACTICES.

Features

WASH CYCLE

REGULAR WASH consists of 15 minutes of agitation. You may set the timer knob at any point between 3 to 15 minutes for complete flexibility.

GENTLE WASH consists of alternating short periods of agitation and soaking. This method insures gentle handling. Gentle cycle is used with delicates, or blankets & spreads that require special treatment.

The extended pauses are part of the cycle. The timer is not malfunctioning. Do not turn the timer through these pauses.

SOAK-TO-WASH eliminates the inconvenience of wash tub soaking of stained clothes before the wash cycle. Soak-to-Wash provides a 30 minute soak which automatically proceeds into a 15 minute wash without pump out of wash water. Brief periods of agitation are used to thoroughly dissolve detergent. Liquid dispenser is used only if fabric softener is desired in the rinse cycle.

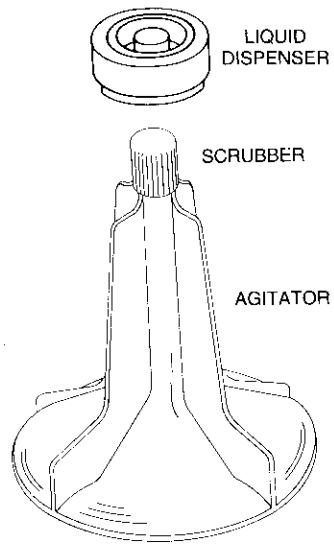
Soak-to-Wash must be selected on the **TIMER**. The **TEMPERATURE** selector should be on HOT/COLD, WARM/COLD, or COLD/COLD. If desired, use liquid dispenser for fabric softener.

STAIN-CLEANER CYCLES:
Eliminate the need for prespot products while providing comparable stain removal performance. Add liquid or granular detergent (step 2), then place liquid detergent in the liquid dispenser (step 4). Clothes soak for 30 minutes with several brief periods of agitation. Water is spun out and clean wash water is added along with detergent for a 15 minute wash.

Stain-Cleaner must be selected on both the **TEMPERATURE SELECTOR** and on the **TIMER KNOB**. Otherwise, the detergent will be spun out in the rinse water.

Stain-Cleaner I provides a hot water soak, hot wash, and a cold rinse. It also provides fast agitation and spin speeds. This cycle is recommended for most cotton fabrics (check manufacturers labels). Use for diapers, baby formula, cosmetics and most oil based stains.

Stain-Cleaner II provides a warm water soak, a warm wash, and a cold rinse. This cycle also has fast agitation and spin speeds. Use this cycle with polyesters and blends (check manufacturers recommendations). Grass, ketchup, soil, and juices are among the stains that respond well to this type of treatment.



LINT FILTERING SYSTEM (AUTOMATIC)

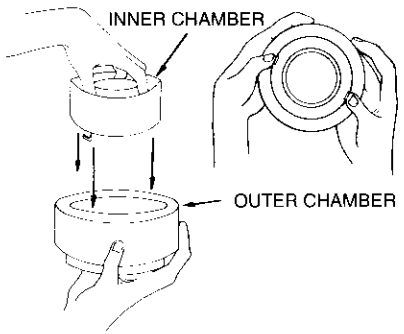
The Lint Filtering system does not require cleaning.

Wash and rinse water is filtered and re-filtered continuously to trap lint shed by most fabrics during agitation cycle before it can be re-deposited on the wash load. The engineered hole design on the wash basket in conjunction with water flow produced by the agitator traps lint away from the clothes between the inner wash basket and outer tub. Lint is automatically flushed from the washer during the spin cycle.

SCRUBBER

The Scrubber, located on the agitator, can be used for pre-treating heavily soiled items. Use a paste made from detergent and water and apply to the soiled area. Work the paste in by moving the material back and forth over Scrubber surface. The Scrubber is most helpful in treating soil on necklines, socks, and knees of trousers.

LIQUID DISPENSER



The dispenser may be used for fabric conditioner with regular cycles or liquid detergent with the Stain-Cleaner cycles. Dispenser should be cleaned after use of liquid detergent.

Following the manufacturer's instructions, pour a measured amount of liquid into inner chamber to fill line only. If liquid used comes below line, add water. The dispenser will release the liquid at the appropriate time in the cycle.

If it becomes necessary to clean dispenser, hold dispenser with bottom side up and push inward on tabs. You are then able to clean both parts using warm water and a brush if necessary.

To reassemble, hold both pieces in an upright position. Insert the inner chamber into outer chamber using ribs to position parts. Rotate until a stop is felt. Push parts together firmly to engage locking tabs

LIQUID BLEACH DISPENSER

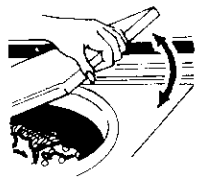
A convenient Bleach Dispenser is built into your washer which makes it easy and safe to use liquid chlorine bleach when it is needed. See Laundering Guide for full information on use of bleach. Load the Dispenser (maximum one cup) BEFORE YOU LOAD THE CLOTHES INTO THE WASHER.

The Bleach Dispenser is located at the left front corner of the door opening on the cabinet top.

The Bleach Dispenser requires no special care for cleaning. However, to avoid damage to chromed and painted surfaces, any spilled bleach should be rinsed off immediately with clean water.

SAFETY SPIN

If for any reason you open the washer lid when the washer is in a SPIN or EXTRACT period, the operation will immediately stop. THIS IS FOR YOUR PERSONAL SAFETY, IF YOUR WASHER DOES NOT STOP, CALL YOUR SERVICEMAN IMMEDIATELY.



When the lid is closed, the operation will automatically be resumed.

SPIN DRYING

UNBALANCED SPIN LOAD COMPENSATOR

Your new washer is designed to handle out-of-balance loads without shutting down or interrupting the washing cycle.

For this reason, the cycle will always be completed. Heavier fabrics in such out-of-balance loads may contain excessive moisture at the completion of the cycle, redistribute the clothes in the washer and reset the Cycle Control for an extra spin.

OVERLOAD PROTECTOR

A built-in protector automatically shuts off the washer motor in case of an overload. This can occur if:

- Too heavy a load is being washed.
- Too many appliances are plugged into the line operating your washer.
- A low voltage condition exists on the line.
- Lid is opened and closed repeatedly.

The overload protector permits the washer to start again when the motor has cooled to a safe operating temperature.

If the motor stops repeatedly, call your service technician.

CARE

1. After washing leave the lid open until the interior is dry.
2. Check hoses to be sure there are no kinks or knots.
3. Your washer should not be installed or stored where temperature will go below freezing, as damage to the washer could result.
4. Occasionally wipe exterior with a clean damp sponge or cloth. Polish with a soft dry cloth. If desired, occasionally polish, being careful NOT to use polish on plastic parts.
5. Lifetime lubrication is done at the factory, so your washer never need to be oiled or greased.
6. Do not lay heavy or sharp objects on top of your washer.
7. The top of the washer should not be used for removing stains from garments. Some stain removers, such as rust remover, will mar the finish.
8. Remove pins, buckles or other sharp objects from clothes to prevent scratching interior parts.
9. Clothes should not be stored in washer.
10. Bleach, detergent, solvents, etc. spilled on the top of your washer that are allowed to remain will remove the glossy finish. Remove all spills with a damp, soft cloth.
11. If you close your home for the winter, have a serviceman drain the washer. Unplug cord from electric outlet and disconnect hoses from faucets.

Before You Call Service

CHECK THESE THINGS BEFORE YOU CALL.

If the water won't drain:

- is the hose kinked or knotted?
- is the drain outlet clogged?

If the washer does not fill:

- is the electrical cord plugged in correctly?
- has a fuse blown or is the circuit breaker tripped?
- is the timer dial pulled out?
- are the hot and cold water faucets turned on?
- are the hoses kinked or knotted?
- are the hose filters clogged?
- is the timer dial set properly (not in the off position)?

  Turn off, let stand for 30 minutes then restart. Motor thermal protector may have engaged.

If the water temperature is incorrect:

- is the temperature switch set correctly?
- are the hoses connected to the correct faucets (hot to hot, cold to cold)?
- are the hot and cold faucets turned on?
- is water heater set correctly?

If the washer is noisy:

- is the washer level and firm to the floor?
- is the load unbalanced? (excessive vibration can occur when a load becomes unbalanced).

If the washer does not spin:

- is the lid closed?
- is the electrical cord plugged in correctly?
- has a fuse blown or is the circuit breaker tripped?

If the water is leaking:

- are the hose connections tight at the faucets?
- is end of drain hose correctly inserted in and secured to drain facility?

KEY FACTS: AUTOMATIC WASHERS

BRAND NAME: MAGIC CHEF
MODEL NO. W20HN3S
TYPE: TOP LOADING

DIMENSIONS:

Cabinet Height:	36" (91.4 cm)
w/Backguard:	44" (111.7 cm)
w/Lid Open	54" (137.2 cm)
Width:	27" (68.5 cm)
Depth:	27" (68.5 cm)

ELECTRICAL REQUIREMENTS:

Volts:	120V
Amps:	11.5
Hertz:	60 Hz
Three-prong grounding receptable:	Yes
Fuse Size:	15 amp. time delay

Water Consumption/Normal Cycle (maximum and minimum fills)
Max - 48 Gal. Min - 21 Gal.

Description of water temperature selection:
3 combinations
Hot Wash–Cold Rinse
Warm Wash—Cold Rinse
Cold Wash–Cold Rinse

Number, types of–

Spin speeds:	Fast - 600 R.P.M.
	Slow - 400 R.P.M.
Wash speeds:	Normal - 68 O.P.M.
	Gentle - 44 O.P.M.

4 Speed Combination:
Gentle Agitation - Fast Spin
Gentle Agitation - Slow Spin
Normal Agitation - Slow Spin
Normal Agitation - Fast Spin

FINISHES -

Wash Basket:	"Dura-10" Organic Finish
Collector Tub:	Polypropylene
Top Surface:	Organic Finish
Loading Door:	Organic Finish
Cabinet:	Painted

Dispensers Available (indicate yes or no)

Detergent	No
Bleach	Yes
Liquid Dispenser	Yes

WEIGHT: 192 lbs.

Listed by Underwriters Laboratories

Safety Precautions

IMPORTANT SAFETY INSTRUCTIONS FOR THE OPERATION OF YOUR CLOTHES WASHER

WARNING: TO REDUCE THE RISK OF FIRE, EXPLOSION, ELECTRIC SHOCK, OR PERSONAL INJURY WHEN USING YOUR WASHER, FOLLOW BASIC SAFETY PRECAUTIONS INCLUDING THE FOLLOWING:

1. READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE WASHER. RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE.

2. PROPERLY INSTALL AND LOCATE in accordance with the Installation Instructions.

MUST BE PROPERLY GROUNDED-See Installation Instructions.

SHOULD ANYONE get an ELECTRIC SHOCK from the washer, disconnect electrical power. DO NOT OPERATE until it has been repaired by a qualified service technician.

INSTALL OR STORE where it will NOT be exposed to temperatures below freezing or exposed to the weather.

CONNECT to a properly rated, protected, and sized power supply circuit. See Electrical Requirements.

CONNECT to adequate plumbing and drain facilities.

HAVE A QUALIFIED SERVICE TECHNICIAN install your washer.

3. TO PREVENT INJURY TO CHILDREN:

DO NOT ALLOW children to play inside, on, or with the washer.

CLOSE SUPERVISION of children is necessary when using washer.

WHEN CHILDREN are mature enough, instruct them in the safe, correct use of the washer.

KEEP ALL LAUNDRY AIDS out of the reach of children preferably in a locked cabinet. USE laundry aids only as directed by manufacturer observing all warnings on container labels.

DESTROY THE CARTON AND PLASTIC BAGS after unpacking the washer. Cartons covered with rugs, bedspreads, or plastic sheets can become an airtight chamber.

REMOVE THE DOOR to the washing compartment before the washer is removed from service or discarded.

4. DO NOT REACH INTO the washer if the tub or agitator is moving. The washer is equipped with a safety switch for your protection. If action does not stop when the washer lid is opened during the Spin Cycle, disconnect the electrical power to the washer. Do not operate the washer until it has been repaired by a qualified service technician.

5. DO NOT TAMPER with the Operating Controls.

6. TO PREVENT PERSONAL INJURY and damage to the washer, DO NOT repair or replace any part of the washer or attempt any servicing unless specifically recommended in the User-Maintenance instructions. ALL OTHER SERVICING should be referred to a qualified service technician.

7. DO NOT ADD gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.

8. DO NOT WASH ARTICLES which have been previously cleaned, washed, soaked, or spotted with gasoline, dry-cleaning solvents, oil, waxes, chemical solvents, alcohol, turpentine, or other flammable or explosive materials. These substances will be retained in articles, and articles which still contain these flammable or explosive substances give off vapors that could ignite or explode.

9. OBSERVE THESE PRECAUTIONS WHEN USING CLEANING FLUIDS, SPOT OR STAIN REMOVERS, ETC.

USE ONLY according to the manufacturer's directions as stated on the label or carton.

USE OUTDOORS or in a well ventilated area.

ONLY products labeled "NON-FLAMMABLE" should be used.

THOROUGHLY RINSE ARTICLES on which these products are used BEFORE they are placed in the washer. Some of these products - rust removers, for example - will damage components and the finish of the washer.

10. HYDROGEN GAS IS EXPLOSIVE and under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. If the hot water system has not been used for such a period, BEFORE USING THE WASHER, turn on all hot water faucets and let the water flow from each faucet for several minutes. This will release any accumulated hydrogen gas. As hydrogen gas is flammable, DO NOT SMOKE or use an open flame during this procedure.

11. DO NOT WASH FIBERGLASS ARTICLES unless label states they are machine washable. Most fiberglass articles shed small particles of glass that will not readily rinse out of the washer. These particles may get on clothing in later loads and cause skin irritation and discomfort. Be sure to rinse the washer thoroughly before using it again.

12. KEEP AREA around and underneath washer free from the accumulation of combustible materials, such as lint, paper, rags, gasoline, and all other flammable vapors and liquids.

13. FLAME RETARDANT FINISHES - improper laundering could remove them. FOLLOW garment manufacturer's instructions carefully.

14. WHEN MOVING, have the washer checked and properly installed by a qualified service technician.

For service, call or write the authorized dealer in your area or write:

MAYCOR PARTS AND SERVICE CO.
240 Edwards Street S.E.
Cleveland, Tennessee 37311
Attn: Customer Relations Dept.
(615) 472-3500

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